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OM protein - protein search, using sw model

Run on: June 7, 2003, 09:40:42; Search time 18 Seconds (without alignments)
1778.027 Million cell updates/sec

Title: US-09-524-531C-13
Perfect score: 1633
Sequence: 1 MALSRRLRLYARLPHFFL......VNYIRTSEEGDFRHKSSFVI 310

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 392085 seqs, 103240269 residues

Tot umber of hits satisfying chosen parameters: 392085

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database: Published Applications AA:*

1: /cgn2 6/ptodata/2/pubpaa/US08 NEW PUB.pep:*

2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW PUB.pep:*

3: /cgn2_6/ptodata/2/pubpaa/US06 NEW PUB.pep:*

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14: /cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| esult No. | Score | Query Match | Length | DB | ID | Description | |
|--------------|-------|----------------|--------|-----|--------------------|-------------------|---|
| _ | 1409 | 86.3 | 310 | و و | US-09-905-291A-423 | Sequence 423, App | |
| N | 1409 | | 310 | 9 | -10-033- | 20, | |
| w | 1409 | 86.3 | 310 | φ | US-10-033-223-20 | • | |
| 4. | 1409 | | 310 | ဖ | US-10-033-167-20 | 20, | |
| Ŋ | 1409 | 86.3 | 310 | 9 | -09-902-853 | | - |
| თ | 1409 | | 310 | φ | US-10-033-244-20 | | |
| 7 | 1409 | | 310 | 9 | US-09-907-824-423 | 423, | - |
| 80 | 1409 | | 310 | 9 | US-09-907-841-423 | 423, | - |
| 9 | 1409 | | 310 | 9 | US-09-904-011-423 | 423, | - |
| 10 | 1409 | | 310 | ø | US-10-028-072-538 | 538, | - |
| 11 | 1409 | | 310 | ø | US-09-906-742-423 | | - |
| 12 | 1409 | | 310 | ø | US-10-121-049-538 | Sequence 538, App | - |
| 13 | 1409 | | 310 | ø | US-10-123-904-538 | Sequence 538, App | - |
| 14 | 1409 | | 310 | 9 | US-10-140-470-538 | • | - |
| 15 | 1409 | 86.3 | 310 | 9 | US-09-906-838-423 | Sequence 423, App | - |
| 16 | 1409 | 86.3 | 310 | 9 | US-09-907-613-423 | Sequence 423, App | - |
| 17 | 1409 | 86.3 | 310 | ø | US-09-907-942-423 | Sequence 423, App | - |
| 18 | 1409 | 86.3 | 310 | 9 | US-10-033-435-20 | | |
| 19 | 1409 | 86.3 | 310 | 9 | US-10-175-746-538 | - | - |
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| 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | |
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| US-10-123-262-538 | US-10-050-704-164 | US-10-050-704-163 | US-10-050-704-109 . | US-09-907-794-423 | US-09-904-956-423 | -09-904 | US-09-902-736-423 | US-10-142-419-538 | US-09-903-786-423 | US-09-903-749A-423 | US-09-902-903-423 | US-10-140-002-538 | US-09-906-700-423 | US-09-906-646-423 | US-09-904-786-423 | | US-10-142-431-538 | US-09-909-204-423 | US-09-904-859-423 | US-09-904-820-423 | US-10-140-474-538 | US-10-137-865-538 | US-10-032-990-20 | US-10-176-921-538 | |
| | Sequence | Sequence | Sequence | | æ | | | O | | | | | | Sequence | | | Sequence | | | æ | | | Sequence | Sequence | |
| 538, | 164, | | • | 423, | | 423, | • | | 423, | | 423, | | | | | 538, | | • | | • | | | | • | |
| App | Apr | App | App | App | App | App | App | App | App | App | App | App | App | App | App | App | App | App | App | App | App | App | Appl | App | , |

ALIGNMENTS

| | PRIOR APPLICATION NUMBER: US 60/146,222 | |
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| | APPLICATION N | |
| | ABBLICATION NIMBER 118 | |
| | APPLICATION N | ٠. |
| | FILING DATE: 2000-02-22 | ٠. |
| | ; PRIOR APPLICATION NUMBER: PCT/US00/04414 | ٠. |
| | FILING DATE: 2001-0 | ٠. |
| | ; CURRENT APPLICATION NUMBER: US/09/905,291A | ٠. |
| | REFERENCE: 10466-14 | ٠ |
| : | OF INVENTION: | . |
| Polypeptides | NVENTION: Secrete | ٠. |
| | Wood, Will | . |
| | •• | |
| | Tumas, Da | |
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| | : Roy, Margaret An | |
| | •• | •• |
| | : Pan, James | ٠. |
| | : Mather, Jennie | ٠. |
| | : Kljavin, | ٠. |
| | : Hillan, Kennet | ٠. |
| | : Gurney, Austin L. | ٠. |
| | : Grimaldi, | ٠. |
| | Godowski, | ٠. |
| | : Goddard, A | ٠. |
| | : Gerritse | ٠. |
| | ': Gerbe | ٠. |
| | : Gao, V | ٠. |
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| | : Filvaroff | ٠. ٠ |
| | : Ferrara, N | ٠. ١ |
| | : Eaton, Dan | ٠. |
| | : Desnoyers, | |
| | | ٠. |
| | Ashkenazi, | ٠. |
| | , APPLICANT: Genentech, Inc. | |
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| • | ; Sequence 423, Application US/09905291A | . , |
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US-09-905-291A-423
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LENGTH: 310
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Best Local Similarity 85.8%;
Matches 266; Conservative 1
                                                                                                 GENERAL INFORMATION:
                                                                                                                 Sequence 20, Application US/10033245 Patent No. US20020160392A1
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Ferrara, Napole
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
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PRIOR FILING DATE: 2000-01-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US99/21547 FILING DATE: 1999-09-15
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APPLICATION NUMBER: PCT/US99/21090
FILING DATE: 1999-09-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
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FILING DATE: 1999-12-16
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APPLICATION NUMBER: PCT/US99/28313
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 MALSRRLRLRLYARLPHFFLLLLFRGCMIEAVNLKSSNRNPVVHEFESVELSCIITHSQT
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                  Ferrara, Napoleone
Fong, Sherman
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MALRRPPRLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT

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; ORGANISM: Homo
US-10-033-245-20
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NUMBER OF SEQ:
SEQ ID NO 20
LENGTH: 310
                                              Query Match
Best Local Simi
Matches 266;
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PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/112,851
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APPLICATION NUMBER: 60/113,145
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 1998-12-16
                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US00/32678
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/115,733
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                                              Similarity 85.8
56; Conservative
MALSRRLRLRYARLPHFFLLLLFRGCMIEAVNLKSSNRNPVVHEFESVELSCIITHSQT
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Stewart, Timothy
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                                                                                                                                                                                                                                                                                     NUMBER: PCT/US00/14941
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                                            Score 1409; DB 9;
Pred. No. 9.1e-89;
8; Mismatches 26;
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US-10-033-223-20
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PRIOR PILLING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/112,851
PRILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113,145
PRIOR APPLICATION NUMBER: 60/113,511
PRIOR APPLICATION NUMBER: 60/113,511
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/115,558
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/115,565
PRIOR PILLING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/115,733
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/119,341
PRIOR APPLICATION NUMBER: 60/119,341
PRIOR APPLICATION NUMBER: 60/119,341
PRIOR APPLICATION NUMBER: 60/119,341
PRIOR APPLICATION NUMBER: 60/119,537
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Patent No. US20020164646A1
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CURRENT FILING DATE: 2001-12-27
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APPLICATION NUMBER: 60/170,262
FILING DATE: 1999-12-09
                  APPLICATION NUMBER: 60/187,202
FILING DATE: 2000-03-03
APPLICATION NUMBER: PCT/US99/12252
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APPLICATION NUMBER: 60/162,506
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Goddard, Audrey
Gurney, Austin L.
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Stewart, Timothy A.
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, LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-033-223-20
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US-10-033-167-20
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NUMBER OF SEQ ID NOS: 38
    TITLE
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DR APPLICATION NUMBER: PCT/US99/28551

DR FILING DATE: 1999-12-02

DR APPLICATION NUMBER: PCT/US00/03565

DR FILING DATE: 2000-02-11

DR APPLICATION WIMBER: PCT/US00/04414

DR APPLICATION WIMBER: PCT/US00/04414

DR FILING DATE: 2000-02-22
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APPLICATION NUMBER: PCT/US00/08439
PILING DATE: 2000-03-30
APPLICATION NUMBER: PCT/US00/14941
FILING DATE: 2000-05-30
APPLICATION NUMBER: PCT/US00/15264
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FILING DATE: 2000-12-01
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INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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Similarity 85.8%;
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Roy, Margaret Ann
Stewart, Timothy A.
Tumas, Daniel
Watanabe, Colin K.
Wood, William I.
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Gao, Wei-Qiang
Goddard, Audrey
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Pred. No. 9.1e-89;
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DB 9; 26;

Length 310; Indels

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US-10-033-167-20
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PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/119,341
TOR FILING DATE: 1999-02-09
OR APPLICATION NUMBER: 60/119,537
OR FILING DATE: 1999-02-10
PRIOR FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: 60/162,506
PRIOR APPLICATION NUMBER: 60/162,506
PRIOR APPLICATION NUMBER: 60/162,506
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PRIOR APPLICATION NUMBER: 60/112,851
PRIOR PRILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113,145
PRIOR FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113,511
PRIOR PILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/115,558
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Best Local Similarity
Matches 266; Conserv
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SEQ ID NO 20
LENGTH: 310
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PRIOR APPLICATION NUMBER: 60/115,565
PRIOR FILING DATE: 1999-01-12
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OR APPLICATION NUMBER: PCT/US00/32678
OR FILING DATE: 2000-12-01
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APPLICATION NUMBER: PCT/US99/28551
FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT/US99/12252
FILING DATE: 1999-06-02
APPLICATION NUMBER: PCT/US99/28634
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APPLICATION NUMBER: 60/170,262
FILING DATE: 1999-12-09
APPLICATION NUMBER: 60/187,202
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APPLICATION NUMBER: PCT/US00/14941
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                      121 NDRKEVDEITIELIVQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPL
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                                                                                                                 SDPRIEWKKIQDGQTTYVYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRCEVVAL
NDRKEIDEIVIELTVQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPL
                                                                                        SDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVAR
                                                                                                                                                                                                                      MALSRRLRLRLYARLPHFFLLLLFRGCMIEAVNLKSSNRNPVVHEFESVELSCIITHSQT
                                                                                                                                                                                        MALRRPPRLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT
                                                                                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                   86.3%; Score 1409; DB 9;
85.8%; Pred. No. 9.1e-89;
tive 18; Mismatches 26;
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                                                                                                                                                                                                                                                                                                                                   Length 310;
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RESULT 5
US-09-902-853-423
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CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US/09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: DS 60/146,222
PRIOR PRIOR OF THE STANDARD OF 18
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
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                                                                                                                                                                                    FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
                                                                              FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
                                                                                                                                          APPLICATION NUMBER: PCT/US99/23089 FILING DATE: 1999-10-05
                     FILING DATE:
                                    FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
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Botstein, David
Desnoyers, Luc
Eaton, Dan L.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Williams, P. Mickey Wood, William, I.
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Mather, Jennie P.
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Gerritsen, Mary E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ferrara, Napoleone
Filvaroff, Ellen
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PCT/US99/28565
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; ORGANISM: Homo
US-09-902-853-423
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PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR PILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR PILING DATE: 2000-01-05
NUMBER OF EQ ID NOS: 423
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LENGTH: 310
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Best Local Similarity 85.8%;
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2930R1C2
CURRENT APPLICATION NUMBER: U5/10/033,244
CURRENT FILING DATE: 2001-12-27
PRIOR APPLICATION NUMBER: 60/095,325
PRIOR FILING DATE: 1998-08-04
PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/112,851
PRIOR APPLICATION NUMBER: 60/113,145
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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Cation No. US20020192668A1
RAL INFORMATION:
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Gurney, Austin L.
                                                                                                                                                                                                  Roy, Margaret Ann
Stewart, Timothy A.
                                                                                                                                                                                                                                                                                 Gao, Wei-Qiang
                                                                                                                                                                       Watanabe, Colin K.
                                                                                                                                                                                                                                 Pan, James
                                                                                                                                                                                    Tumas, Daniel
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SEQ ID NO 20
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PRIOR
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; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-033-244-20
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PREPLICATION NUMBER: PCT/US99/28634

DR FILING DATE: 1999-12-01

DR APPLICATION NUMBER: PCT/US99/28551

DR FILING DATE: 1999-12-02

DR APPLICATION NUMBER: PCT/US00/03565

DR FILING DATE: 2000-02-11
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APPLICATION NUMBER: PCT/US00/14941
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US00/05841 FILING DATE: 2000 -03-02 APPLICATION NUMBER: PCT/US00/08439
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APPLICATION NUMBER: PCT/US99/12252
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APPLICATION NUMBER: 60/170,262
FILING DATE: 1999-12-09
APPLICATION NUMBER: 60/187,202
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APPLICATION NUMBER: 60/115,558
FILING DATE: 1999-01-12
APPLICATION NUMBER: 60/115,565
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 2000-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US00/15264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 2000-05-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 2000-02-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US00/04414
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                                                                                                                                                                                                                                                                                         121 NDRKEVDEITIELIVQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPL
                                                                             NIAGIIGGVLVVLIVLAVITMGICCAYRRGCFISSKQDGESYKSPGKHDGVNYIRTSEEG
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DFRHKSSFVI 310
                                                 PTDSRANPRFQNSSFHVNSETGTLVFNAVHKDDSGQYYCIASNDAGAARCEGQDMEVYDL
                                                                                                                                                          PTDSRANPRPRNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCEEQEMEVYDL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  26;
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DFRHKSSFVI 310

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US-09-907-824-423
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PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR PPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-09-03
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR FILING DATE: 1999-09-13
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                                                           PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-20
                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 1999-09-15/US99/21547
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR FILING DATE: 1999-09-15
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
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                   PRIOR FILING DATE: 1999-12-20 PRIOR APPLICATION NUMBER: PCT
                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: PCT/US99/28564
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                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
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Ashkenazi, Avi
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Botstein, David
Desnoyers, Luc
Eaton, Dan L.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Mather, Jennie P.
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Grimaldi, Christopher J.
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Filvaroff, Ellen
DATE:
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o. US20020197671A1
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                      NUMBER: PCT/US99/30999
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; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 423
; SEQ ID NO 423
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-907-824-423
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APPLICANT:
APPLICANT:
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FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,841
CURRENT FILING DATE: 2001-11-20
                                             APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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266; Conserv
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                                                                                                           Paoni, Nicholas F.
Roy, Margaret Ann
Stewart, Timothy A.
Tumas, Daniel
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Botstein, David
Desnoyers, Luc
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Gerritsen, Mary E
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Grimaldi, Christopher
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ff, Ellen
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85.8%; Pred. No. 9.1e-89;
Live 18; Mismatches 26
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GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botsrein, David
APPLICANT: Benoyers, Luc
APPLICANT: Eston, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
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; ORGANISM: Homo
US-09-907-841-423
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PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
                                                                                                                                                                                                                                    Sequence 423, Appropriation No.
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Best Local :
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PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
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LENGTH: 310
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DR FILING DATE: 1999-10-05
DR APPLICATION NUMBER: PCT/US99/28214
PR FILING DATE: 1999-11-29
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ER OF SEQ ID NOS: 423
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 MALSRRIRLRIYARIPHFFILLLFRGCMIEAVNIKSSNRNPVVHEFESVELSCIITHSQT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Similarity
                                                                                                                                                                                                                                                                                                                                                                                   DFRHKSSFVI 310
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PTDSRANPRFQNSSFHVNSETGTLVFNAVHKDDSGQYYCIASNDAGAARCEGQDMEVYDL
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              Fong, Sherman
Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary
                                                                                                                                                                                                                                    Application US/09904011 o. US20030003530A1
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Pred. No. 9.1e-89
8; Mismatches 20
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CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: PC0/143,048
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: DCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-08
PRIOR FILING DATE: 1999-09-13
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LENGTH: 310
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Best Local Similarity
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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R APPLICATION NUMBER: PCT/US00/00219
R FILING DATE: 2000-01-05
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APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
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FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
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APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
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                      SDPRIEWKKIQDGQTTYVYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRCEVVAL 120
                                                                                            MALRRPPRLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT
                                                                                                                MALSRRLRLRLYARLPHFFLLLLFRGCMIEAVNLKSSNRNPVVHEFESVELSCIITHSQT
SDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVAR
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Stewart,
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                                                                                                                                                                                    86.3%; Score 1409; DB 9;
85.8%; Pred. No. 9.1e-89;
tive 18; Mismatches 26
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PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION UMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
RAPPLICATION NUMBER: 60/059113
REFLING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/05912
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
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PRIOR APPLICATION NUMBER: 60/059368
PRIOR APPLICATION NUMBER: 60/05936
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US-10-028-072-538
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CURRENT APPLICATION NUMBER: US/10/028,072
CURRENT FILING DATE: 2001-12-19
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Gurney, Austin L.
Sherwood, Steven
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Desnoyers, Luc
Filvaroff, Ellen
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Wood, William
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R APPLICATION NUMBER: 60,
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R APPLICATION NUMBER: 60,
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DR FILING DATE: 1997-10-29

RAPPLICATION NUMBER: 60/63738

DR FILING DATE: 1997-10-29

DR APPLICATION NUMBER: 60/063755

DR FILING DATE: 1997-10-17

DR APPLICATION NUMBER: 60/064248

DR FILING DATE: 1997-11-03 FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/080165
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/081203
FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/069212
FILING DATE: 1997-12-11
APPLICATION NUMBER: 60/069278
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APPLICATION NUMBER: 60/069334 FILING DATE: 1997-11-17
APPLICATION NUMBER: 60/066364
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APPLICATION NUMBER: 60/066453
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APPLICATION NUMBER: 60/063329
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APPLICATION NUMBER: 60/063550
FILING DATE: 1997-10-28 APPLICATION NUMBER: 60/ FILING DATE: 1998-03-20 APPLICATION NUMBER: 60/079294 FILING DATE: 1998-03-12 APPLICATION NUMBER: 60/078910 APPLICATION NUMBER: 60/066770 FILING DATE: 1997-11-24 APPLICATION NUMBER: 60/066511 FILING DATE: 1997-11-24 APPLICATION NUMBER: 60/077791 APPLICATION NUMBER: 60/074092 FILING DATE: 1998-02-09 FILING DATE: 1997-11-12
APPLICATION NUMBER: 60/065846 APPLICATION NUMBER: 60/064809 FILING DATE: 1997-11-07 FILING DATE: 1997-10-29 APPLICATION NUMBER: 60/063735 APPLICATION NUMBER: 60/ FILING DATE: 1997-10-28 FILING DATE: 1997-10-24 APPLICATION NUMBER: 60/ FILING DATE: 1997-10-24
APPLICATION NUMBER: 60/063082 APPLICATION NUMBER: 60/065186 APPLICATION NUMBER: 60/063733 FILING DATE: 1997-10-29 APPLICATION NUMBER: 60/063127 NUMBER: 60/063704 60/079728 60/079663 60/074086 60/073612 60/069694 60/072320 60/063561 60/062816

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OR APPLICATION NUMBER: 60/089947
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OR FILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/090429
OR FILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/090538
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OR APPLICATION NUMBER: 60/090538
OR FILING DATE: 1998-06-26
OR APPLICATION NUMBER: 60/090863
OR FILING DATE: 1998-06-26
OR APPLICATION NUMBER: 60/091360
OR FILING DATE: 1998-07-01
OR APPLICATION NUMBER: 60/091519
OR APPLICATION NUMBER: 60/091982
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DR APPLICATION NUMBER: 60/089532
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APPLICATION NUMBER: 60/085149
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FILING DATE: 1998-05-07
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APPLICATION NUMBER: 60/088730
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RESULT 11
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CURRENT APPLICATION NUMBER: US/09/906,742
; CURRENT FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
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                                                                                                                           TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: 10466-14
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                                                                                                                                                                              Williams, P. Mickey Wood, William, I.
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Roy, Margaret Ann
Stewart, Timothy A.
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                                                                                                                                                                                                                                                                              Kljavin, Ivar J.
Mather, Jennie P.
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Grimaldi, Christopher
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Gerritsen, Mary E.
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Filvaroff, Bllen
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Botstein, David
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D. US20030023054A1
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Pred. No. 9.1e-89;
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FILING DATE: 1999-07-26
APPLICATION NUMBER: US 60/146,222
FILING DATE: 1999-07-28
APPLICATION NUMBER: PCT/US99/20594

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US-10-121-049-538, Application US/10121049; Sequence 538, Application US/00121049; Publication No. US20030022239A1; GENERAL INFORMATION:
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US-09-906-742-423
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SEQ ID NO 423
LENGTH: 310
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
               APPLICANT: Baker, Kevin P. APPLICANT: Beresini, Maur
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     PPLICANT:
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APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
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APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
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APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
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APPLICATION NUMBER: PCT/US99/20944
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Beresini, Maureen
DeForge, Laura
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RESULT 13
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SEQ ID NO 538
LENGTH: 310
TYPE: PRT
                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                  Sequence 538, Application No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 86.3%; Score 1409; DB 9; Best Local Similarity 85.8%; Pred. No. 9.1e-89; Matches 266; Conservative 18; Mismatches 26
                                               APPLICANT:
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P333GR1C17
CURRENT APPLICATION NUMBER: US/10/121,049
CÜRRENT FILING DATE: 2002-04-12
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Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
Sherwood, Steven
                                                                                              DeForge, Laura
Desnoyers, Luc
Filvaroff, Ellen
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                                                                Gao, Wei-Qiang
Gerritsen, Mary E.
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Watanabe, Colin K
Wood, William
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Be Local S:
M bs 266
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LENGTH: 310
TYPE: PRT
ORGANISM: Homo Sapien
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CURRENT APPLICATION NUMBER: US/10/123,904
CURRENT FILING DATE: 2002-04-16
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
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APPLICANT:
            TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3330R1C160
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APPLICANT: Beres
APPLICANT: DeFor
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40-470-538
Pence 538, Application US/10140470
US20030022331A1
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Godowski, Paul J.
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                                                          Zhang, Zemin
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ilarity 85.8%;
Conservative 10
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NUMBER: US/10/140,470
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Pred. No. 9.1e-89;
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RESULT 15
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; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-470-538
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Publication No.
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                                                                                                       APPLICANT:
APPLICANT:
APPLICANT:
           APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,838
                                                                                                                                                                                    APPLICANT:
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Prior Application removed - See Palm or File Wrapper NUMBER OF SEQ ID NOS: 550
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APPLICANT:
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CURRENT FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NIAGIIGGVLVVLIVLAVITMGICCAYRRGCFISSKQDGESYKSPGKHDGVNYIRTSEEG 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PTDSRANPRPQNSSFHVNSETGTLVFNAVHKDDSGQYYCIASNDAGAARCEGQDMEVYDL 240
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SDPRIEWKKIQDGQTTYVYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRCEVVAL 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MALRRPPRIRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT
                                                                                                    Paoni, Nicholas F.
Roy, Margaret Ann
Stewart, Timothy A.
Tumas, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                           Genentech, Inc.
Ashkenazi, Avi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DFRHKSSFVI 310
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Godowski, Paul J.
Grimaldi, Christopher
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Gerritsen, Mary E
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Filvaroff, Ellen
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Botstein, David
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5. US20030027143A1
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2001-07-16
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85.8%; Pred. No. 9
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PRIOR APPLICATION NUMBER: ECT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: ECT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 423
LENGTH: 310
TYPE: PRT
ORGANISM: Homo Sapien
US-09-906-838-423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 86.3%; Score 1409; DB 9; Best Local Similarity 85.8%; Pred. No. 9.1e-89; Matches 266; Conservative 18; Mismatches 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 1999-07-20
APPLICATION NUMBER: PCT/US99/20594
APPLICATION LUMBER: PCT/US99/20594
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 60/145,698
FILING DATE: 1999-07-26
APPLICATION NUMBER: US 60/146,222
FILING DATE: 1999-07-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 09/665,350 FILING DATE: 2000-09-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
FILING DATE: 1999-09-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 60/143,048 FILING DATE: 1999-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US00/04414 FILING DATE: 2000-02-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US99/28565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
  301
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                                                                                                                                                                                                                                                                                                            NDRKEVDEITIELIVQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPL 180
                                DFRHKSSFVI 310
                                                                                                                                                                                                                      PTDSRANPRFQNSSFHVNSETGTLVFNAVHKDDSGQYYCIASNDAGAARCEGQDMEVYDL 240
                                                                                                                                                                                                                                                                                                                                                                                 SDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRABILGKTSLKIWNVTRRDSALYRCEVVAR 120
                                                                                                                                                                                                                                                                                                                                                                                                            SDPRIEWKKIQDGQTTYVYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRCEVVAL 120
DFRHKSSFVI 310
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MALRRPPRLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT
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Search completed: June 7, 2003, 09:46:49

Job time : 20 secs

GenCore version 5.1.6 Copyright (c) 1993 - 2003 Compugen Ltd.

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OM protein - protein search, using sw model

Rum on:

June 7, 2003, 09:40:42; Search time 18 Seconds
(without alignments)
178.027 Million cell updates/sec

Title:
US-09-524-531C-15

Sequence:

1 MALRRPPRLEACARLPDFFL.......VNYIRTDEEGDFRHKSSFVI 310

Scoring table:
BLOSUM62
Gapop 10.0, Gapext 0.5

Searched:
392085 seqs, 103240269 residues

Tot.

Whinimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing:
Minimum Match 10%
Listing first 45 summaries

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| 18 163 | | 17 163 | 16 163 | | | 13 1637 | | | | 9 163 | 8 163 | 7 163 | 6 163 | 5 163 | 4 163 | 3 163 | 2 163 | 1 163 | Result No. Score |
|---------------|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|---------------------|--------------------|--------------------|--------------------|----------------------|---------------------|
| | | | | | | 7 100.0 | | | | | | | | | | | | 7 100.0 | Query Match |
| 310 | 310 | 310 | 310 | 310 | 310 9 | 310 9 | 310 9 | 310 9 | 310 9 | 310 9 | 310 9 | 310 9 | 310 9 | 310 9 | 310 9 | 310 9 | 310 | 310 | Length DB |
| -10-175 | US-10-033-435-20 | 9 US-09-907-942-423 | 9 US-09-907-613-423 | 9 US-09-906-838-423 | 9 US-10-140-470-538 | 9 US-10-123-904-538 | 9 US-10-121-049-538 | 9 US-09-906-742-423 | 9 US-10-028-072-538 | 9 US-09-904-011-423 | 9 US-09-907-841-423 | 9 US-09-907-824-423 | 9 US-10-033-244-20 | 9 US-09-902-853-423 | 9 US-10-033-167-20 | 9 US-10-033-223-20 | 9 US-10-033-245-20 | 9 US-09-905-291A-423 | 9 ID |
| Seguence 538. | | Sequence 423 | Sequence 423 | Sequence 423 | Sequence 538 | Sequence 538, | Sequence 538 | Sequence 423 | Sequence 538 | Sequence 423 | | Sequence 423 | Sequence 20, | Sequence 423 | | Sequence 20, | Sequence 20, | Sequence 423 | Description |
| | | , App | , App | | | , App | | | , App | , App | , App | , App | App1 | , App | Appl | App1 | Appl | , App | ! ! ! |

| 45 | 44 | 43 | 42 | 41 | 40 | 39 | 8 | 37 | 36 | S | 34 | ω G | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 |
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| 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 | 1637 |
| 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 |
| 9 | φ | 9 | 9 | ø | 9 | 9 | 9 | 9 | φ | ø | φ | 9 | 9 | 9 | ø | 9 | 9 | 9 | 9 | 9 | φ | ø | ø | 9 | 9 |
| US-10-123-262-538 | US-10-050-704-164 | US-10-050-704-163 | US-10-050-704-109 | US-09-907-794-423 | US-09-904-956-423 | US-09-904-119-423 | US-09-902-736-423 | US-10-142-419-538 | US-09-903-786-423 | US-09-903-749A-423 | US-09-902-903-423 | US-10-140-002-538 | US-09-906-700-423 | US-09-906-646-423 | US-09-904-786-423 | US-10-143-114-538 | US-10-142-431-538 | US-09-909-204-423 | US-09-904-859-423 | US-09-904-820-423 | US-10-140-474-538 | US-10-137-865-538 | US-10-032-990-20 | -10-176-921 | US-10-176-918-538 |
| | Sequence 164 | | | | Sequence 42 | | | Sequence 53 | | Sequence 42 | Sequence 423 | | | | Sequence 423 | | | | Sequence 423 | æ | Sequence 538 | æ | Sequence 20 | | Sequence 538 |
| 18, App | | | | | | | | | | | | | | | | | • | | • | • | • | • | | æ | |

ALIGNMENTS

APPLICANT: Kljavin, Ivar J.

APPLICANT: Mather, Jennie P.

APPLICANT: Mather, Jennie P.

APPLICANT: Pann, James

APPLICANT: Pann, James

APPLICANT: Pann, Licholas F.

APPLICANT: Panniel

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/905,291A

CURRENT FILING DATE: 2001-07-12

PRIOR APPLICATION NUMBER: US/09/04414

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR APPLICATION NUMBER: US 60/143,048 RESULT 1 US-09-905-291A-423 Sequence 423, Application US/09905291A APPLICANT: APPLICANT: APPLICANT: APPLICANT:
APPLICANT:
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APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICATION NUMBER: US 60/146,222 APPLICATION NUMBER: US 60/145,698 FILING DATE: 1999-07-26 US20020160374A1 Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P. Goddard, A. Godowski, Paul J. Grimaldi, Christopher J. Gerber, Hanspeter Gerritsen, Mary E. Ferrara, Napoleone Filvaroff, Ellen Ashkenazi, Avi Botstein, David Saton, Dan L. Desnoyers, Luc Wei-Qiang Sherman

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RESULT 2
US-10-033-245-20
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; ORGANISM: Homo Sapien
US-09-905-291A-423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 310; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 423
LENGTH: 310
                                                                                               GENERAL INFORMATION:
                                                                                                                  Sequence 20, Application US/10033245 Patent No. US20020160392A1
                  APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Ferrara, Napolo
APPLICANT: Fong, Sherman
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OR APPLICATION NUMBER: PCT/US99/28565
OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/30095
OR FILING DATE: 1999-12-16
OR APPLICATION NUMBER: PCT/US99/30911
OR FILING DATE: 1999-12-20
OR APPLICATION NUMBER: PCT/US99/30999
OR APPLICATION NUMBER: PCT/US99/30999
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
FILING DATE: PCT/US99/28214
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FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
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                Desnoyers, Luc
Ferrara, Napoleone
Fong, Sherman
Gao, Wei-Qiang
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Pred. No. 9.6e-108;
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NUMBER OF SEQ 1
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Best Local S
Matches 310
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PRIOR FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113,511
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/115,558
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PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/112,851
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CURRENT FILING DATE: 2001-12-27
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ORGANISM: Homo
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IIILE OF INVENTION: Acids Encoding the Same
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APPLICATION NUMBER: PCT/US00/05841
FILING DATE: 2000 -03-02
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APPLICATION NUMBER: 60/113,145
FILING DATE: 1998-12-16
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APPLICATION NUMBER: 60/170,262
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APPLICATION NUMBER: 60/162,506
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APPLICATION NUMBER: 60/115,565
FILING DATE: 1999-01-12
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APPLICATION NUMBER: PCT/US00/03565
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APPLICATION NUMBER: PCT/US99/28551
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APPLICATION NUMBER: 60/119,965
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                                                    310;
                                                                    Similarity
MALRRPPRLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT
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Stewart, Timothy
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Pred. No. 9.6
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: UMBER: 60/10/33,223

CURRENT FILING DATE: 2001-12-27

PRIOR APPLICATION NUMBER: 60/112,851

PRIOR FILING DATE: 1998-12-16

PRIOR APPLICATION NUMBER: 60/113,145

PRIOR APPLICATION NUMBER: 60/113,145

PRIOR FILING DATE: 1998-12-16

PRIOR FILING DATE: 1998-12-22

PRIOR APPLICATION NUMBER: 60/113,558

PRIOR APPLICATION NUMBER: 60/115,558

PRIOR APPLICATION NUMBER: 60/115,565

PRIOR APPLICATION NUMBER: 60/115,565

PRIOR APPLICATION NUMBER: 60/115,733

PRIOR FILING DATE: 1999-01-12

PRIOR APPLICATION NUMBER: 60/119,341

PRIOR APPLICATION NUMBER: 60/119,341

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FILING DATE: 2000-03-03
APPLICATION NUMBER: PCT/US99/12252
FILING DATE: 1999-06-02
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Gao, Wei-Qiang
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Stewart, Timothy A.
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APPLICANT:

APPLICANT:

Goddard, Audrey Gurney, Austin L. Pan, James Roy, Margaret Ann Stewart, Timothy A. Tumas, Daniel Watanabe, Colin K.

William I.

TITLE

INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

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RESULT 4
US-10-033-167-20
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-033-223-20
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Ferrara, Napoleo
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
                                                                                           Sequence 20, Application US/10033167
Publication No. US20020182618A1
GENERAL INFORMATION:
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SEQ ID NO 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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OR FILING DATE: 2000 -03-02
OR APPLICATION NUMBER: PCT/US00/08439
OR FILING DATE: 2000-03-30
OR APPLICATION NUMBER: PCT/US00/14941
OR APPLICATION NUMBER: PCT/US00/14941
OR APPLICATION NUMBER: PCT/US00/15264
OR APPLICATION NUMBER: PCT/US00/15264
OR FILING DATE: 2000-06-02
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FILING DATE: 2000-02-11
APPLICATION NUMBER: PCT/US00/04414
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FILING DATE: 1999-12-02
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Desnoyers, Luc
Ferrara, Napoleone
Fong, Sherman
Gao, Wei-Qiang
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US-10-033-167-20
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PRIOR APPLICATION NUMBER: 60/119,341
FILING DATE: 1999-02-19
OR APPLICATION NUMBER: 60/119,537
OR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: 60/119,965
PRIOR APPLICATION NUMBER: 60/119,965
PRIOR APPLICATION NUMBER: 60/162,506
PRIOR APPLICATION NUMBER: 60/170,262
PRIOR APPLICATION NUMBER: 60/170,262
PRIOR FILING DATE: 1999-10-29
PRIOR FILING DATE: 1999-10-29
PRIOR FILING DATE: 1999-12-09
PRIOR FILING DATE: 1999-12-09
PRIOR FILING DATE: 1999-12-09
                                                                                                                                                                                                                                                                                                 Query Match 100.0%; Score 1637; DB 9; Best Local Similarity 100.0%; Pred. No. 9.6e-108; Matches 310; Conservative 0; Mismatches 0;
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PRIOR APPLICATION NUMBER: 60/113,145
PRIOR FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113,511
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PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/112,851
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OR APPLICATION NUMBER: PCT/US00/32678

OR FILING DATE: 2000-12-01

UMBER OF SEQ ID NOS: 38

Q ID NO 20

Q ID NO 20

LENGTH: 310
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FILING DATE: 2000-03-03
APPLICATION NUMBER: PCT/US99/12252
FILING DATE: 1999-06-02
APPLICATION NUMBER: PCT/US99/28634
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APPLICATION NUMBER: 60/115,558
FILING DATE: 1999-01-12
APPLICATION NUMBER: 60/115,565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING 'DATE: 2000-03-30
APPLICATION NUMBER: PCT/US00/14941
FILING DATE: 2000-05-30
APPLICATION NUMBER: PCT/US00/15264
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APPLICATION NUMBER: PCT/US00/05841
FILING DATE: 2000 -03-02
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US00/03565
FILING DATE: 2000-02-11
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APPLICATION NUMBER: 60/115,733
FILING DATE: 1999-01-12
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                       NDRKEIDEIVIELTVQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPL
                                                                                                                              SDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVAR
                                                                                                                                                                                                                                  MALRRPPRLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT
                                                                                              SDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVAR
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NDRKEIDEIVIELTVQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPL
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                                                                                                                                                                                                                                                                                                                                              Length 310;
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CURRENT APPLICATION NUMBER: US/09/902,853
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US/09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 1999-07-07
PRIOR PRILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: DS/07-28
PRIOR APPLICATION NUMBER: DS/07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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                                     OR FILING DATE: 1999-09-15
OR APPLICATION NUMBER: PCT/US99/23089
OR FILING DATE: 1999-10-05
OR APPLICATION NUMBER: PCT/US99/28214
OR FILING DATE: 1999-11-29
OR APPLICATION NUMBER: PCT/US99/28313
OR FILING DATE: 1999-11-30
                                                                                                                                                                                   APPLICATION NUMBER: PCT/US99/21090 FILING DATE: 1999-09-15 APPLICATION NUMBER: PCT/US99/21547
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FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/28564 FILING DATE: 1999-12-02
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Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
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Botstein, David
Desnoyers, Luc
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Mather, Jennie P.
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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Hillan, Kenneth, J.
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art, Timothy A.
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PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR APPLICATION NUMBER: PCT/US99/30991
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR APPLICATION NUMBER: PCT/US09/00219
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
LENGTH: 310
TYPE: PRT
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Best Local S
Matches 310
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APPLICANT:
APPLICANT:
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2930R1C2
CURRENT APPLICATION NUMBER: US/10/033,244
CURRENT FILING DATE: 2001-12-27
PRIOR APPLICATION NUMBER: 60/095,325
PRIOR APPLICATION NUMBER: 60/112,851
PRIOR PILING DATE: 1998-08-04
PRIOR PILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113,145
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                                                                                                                                                                                                                                                                                                                                                                   INFORMATION:
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Stewart, Timothy A.
Tumas, Daniel
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Gurney, Austin L.
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Gao, Wei-Qiang
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      DFRHKSSFVI 310
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APPLICATION NUMBER: PCT/US00/05841 FILING DATE: 2000 -03-02 APPLICATION NUMBER: PCT/US00/08439
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US00/15264 FILING DATE: 2000-06-02
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APPLICATION NUMBER: PCT/US00/14941
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FILING DATE: 2000-02-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/170,262 FILING DATE: 1999-12-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/162,506 FILING DATE: 1999-10-29
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NIGGIIGGVLVVLAVLALITLGICCAYRRGYFINNKQDGBSYKNPGKPDGVNYIRTDEEG
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                                                                                               PTDSRANPRFRNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCEEQEMEVYDL
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PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
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CURRENT APPLICATION NUMBER: US/09/907,824
CURRENT FILING DATE: 2001-07-17
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
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PRIOR APPLICATION NUMBER: US 60/146,222

OR FILING DATE: 1999-07-28

R APPLICATION NUMBER: PCT/US99/2054

PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIOR APPLICATION NUMBER: PCT/US99/21090

RRIOR APPLICATION NUMBER: PCT/US99/21090
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OR APPLICATION NUMBER: PCT/US99/28565
OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/30095
OR FILING DATE: 1999-12-16
OR APPLICATION NUMBER: PCT/US99/30911
OR FILING DATE: 1999-12-20
OR APPLICATION NUMBER: PCT/US99/30999
OR FILING DATE: 1999-12-20
                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
                                                                                                                                                                                             FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT/US99/21547
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Mather, Jennie P.
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Grimaldi, Christopher J.
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Hillan, Kenneth, J.
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Ef, Ellen
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; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 423
; SEQ ID NO 423
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-907-824-423
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Best Local Similarity
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,841
CURRENT FILING DATE: 2001-11-20
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Botstein, David
Desnoyers, Luc
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                                                                                                                                    Paoni, Nicholas F.
Roy, Margaret Ann
Stewart, Timothy A.
                                                                                                                                                                                                        Kljavin, Ivar J.
Mather, Jennie P.
                                                                                                                                                                                                                           Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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100.0%; Pred. No. 9.6e-108;
tive 0; Mismatches 0;
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PRIOR APPLICATION NUMBER: PCT/US99/28214

R FILING DATE: 1999-11-29

Ining Prior Application data removed -

NUMBER OF SEQ ID NOS: 423

SEQ ID NO 423

LENGTH: 310

TYPE: PRT

ORGANISM: Homo Sapien

US-09-907-841-423
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                                                             APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
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APPLICANT:
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APPLICATION NUMBER: US 60/143,048
FILING DATE: 1999-07-07
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
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                              Fong, Sherman
Gao, Wei-Qiang
Gerritsen, Mary E
              Gerber, Hanspeter
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SEQ ID NO 423
LENGTH: 310
TYPE: PRT
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PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
                                                                                                                                                    Query Match
Best Local Similarity
Matches 310; Conserv
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PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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CURRENT FILING DATE: 2001-07-11
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ICR APPLICATION NUMBER: PCT/US99/20944
ICR APPLICATION NUMBER: PCT/US99/20944
ICR APPLICATION NUMBER: PCT/US99/21090
ICR FILING DATE: 1999-09-15
ICR APPLICATION NUMBER: PCT/US99/21547
ICR APPLICATION NUMBER: PCT/US99/21547
ICR APPLICATION NUMBER: PCT/US99/23089
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APPLICATION NUMBER: PCT/US99/30911
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FILING DATE: 1999-11-29
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FILING DATE: 1999-12-02
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FILING DATE: 1999-11-30
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                   SDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVAR 120
                                                                             MALRRPPRIRICARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT
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SDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVAR
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Williams, P. Mickey Wood, William, I.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Goddard, A.
Godowski, Paul J.
Grimaldi, Christopher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Paoni,
                                                                                                                                                               Conservative
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                                                                                                                                                                                100.0%; Score 1637; DB 9; 100.0%; Pred. No. 9.6e-108;
                                                                                                                                                             0;
                                                                                                                                                               Mismatches
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TITLE OF INVENTION:
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/028,072
CURRENT FILING DATE: 2001-12-19
PRIOR APPLICATION NUMBER: 60/049911.
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
R APPLICATION NUMBER: 60/059113
PRIOR APPLICATION NUMBER: 60/059115
PRIOR APPLICATION NUMBER: 60/059115
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PRIOR APPLICATION NUMBER: 60/059115
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OR FILING DATE: 1997-09-17
OR APPLICATION NUMBER: 60/059117
OR APPLICATION NUMBER: 60/059122
OR APPLICATION NUMBER: 60/059122
OR FILING DATE: 1997-09-17
OR APPLICATION NUMBER: 60/059184
OR FILING DATE: 1997-09-18
OR APPLICATION NUMBER: 60/059263
OR FILING DATE: 1997-09-19
OR APPLICATION NUMBER: 60/05952
OR FILING DATE: 1997-09-19
OR APPLICATION NUMBER: 60/05988
OR FILING DATE: 1997-09-19
OR APPLICATION NUMBER: 60/05988
OR FILING DATE: 1997-09-24
OR APPLICATION NUMBER: 60/062250
OR FILING DATE: 1997-09-27
OR APPLICATION NUMBER: 60/062285
OR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/062287
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Watanabe,Colin
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Godowski, Paul J.
Gurney, Austin L.
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Gerritsen, Mary E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Stewart, Timothy A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sherwood, Steven
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                  OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/079663
OR FILING DATE: 1998-02-27
OR APPLICATION NUMBER: 60/079728
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/081203
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OR APPLICATION NUMBER: 60/63738
OR FILING DATE: 1997-10-29
OR APPLICATION NUMBER: 60/63755
OR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/064248
OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/064809
                                                                                                                                                                                                                                                                                              DR APPLICATION NUMBER: 60/072320
DR FILING DATE: 1998-01-23
DR APPLICATION NUMBER: 60/073612
DR FILING DATE: 1998-02-04
DR APPLICATION NUMBER: 60/074086
DR FILING DATE: 1998-02-09
DR APPLICATION NUMBER: 60/074092
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APPLICATION NUMBER: 60/069278
FILING DATE: 1997-12-11
APPLICATION NUMBER: 60/069334
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APPLICATION NUMBER: 60/077791
FILING DATE: 1998-03-12
APPLICATION NUMBER: 60/078910
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APPLICATION NUMBER: 60/069694
FILING DATE: 1997-12-16
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FILING DATE: 1997-11-17
APPLICATION NUMBER: 60/066364
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FILING DATE: 1997-10-27
APPLICATION NUMBER: 60/063329
FILING DATE: 1997-10-27
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APPLICATION NUMBER: 60/063045
FILING DATE: 1997-10-24
APPLICATION NUMBER: 60/063082
                                                                                                                                                                               FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/079294
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APPLICATION NUMBER: 60/065186
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APPLICATION NUMBER: 60/063735
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APPLICATION NUMBER: 60/063733
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APPLICATION NUMBER: 60/063704
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APPLICATION NUMBER: 60/063127
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OR APPLICATION NUMBER: 60/089907
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OR APPLICATION NUMBER: 60/090349
OR FILING DATE: 1998-06-23
OR APPLICATION NUMBER: 60/09049
OR FILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/090445
OR APPLICATION NUMBER: 60/090445
OR APPLICATION NUMBER: 60/090538
OR FILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/090863
OR FILING DATE: 1998-06-26
OR APPLICATION NUMBER: 60/091360
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OR FILING DATE: 1998-07-01
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OR APPLICATION NUMBER: 60/088858

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OR APPLICATION WIMBER: 60/089532

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FILING DATE: 1998-05-28
APPLICATION NUMBER: 60/088026
FILING DATE: 1998-06-04
APPLICATION NUMBER: 60/088730
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APPLICATION NUMBER: 60/
FILING DATE: 1998-05-13
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085579
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FILING DATE: 1998-05-07
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FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/084600
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APPLICATION NUMBER: 60/083322
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APPLICATION NUMBER: 60/081818
FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/082999
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APPLICATION NUMBER: 60/
FILING DATE: 1998-04-14
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APPLICATION NUMBER: 60/088741
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FILING DATE: 1998-05-22
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FILING DATE: 1998-05-12
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RESULT 11
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Best Local
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         TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/906,742

CURRENT FILING DATE: 2001-07-16

PRIOR APPLICATION NUMBER: 09/665,350

PRIOR FILING DATE: 2000-09-18

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR FILING DATE: 1099-07-07

PRIOR FILING DATE: 1099-07-07
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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DFRHKSSFVI
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Botstein, David
Desnoyers, Luc
                                                                                                                                                                           Williams, P. Mickey Wood, William, I.
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Roy, Margaret Ann
Stewart, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                     Fong, Sherman
Gao, Wei-Qiang
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Filvaroff,
                                                                                                                                                                                                       Tumas, Daniel
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Grimaldi, Christopher
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b. US20030023054A1
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NUMBER: US 60/145,698
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en, Mary E
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ff, Ellen
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FILING DATE: 1999-07-26
APPLICATION NUMBER: US 60/146,222
FILING DATE: 1999-07-28
APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08

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RESULT 12
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US-09-906-742-423
                                                          Sequence 538, Application US/10121049 Publication No. US20030022239A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 310; Conser
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NUMBER OF SEQ ID NOS: 423
SEQ ID NO 423
LENGTH: 310
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TYPE: PRT
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OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/30095
OR RILING DATE: 1999-12-16
OR APPLICATION NUMBER: PCT/US99/30911
OR FILING DATE: 1999-12-20
OR APPLICATION NUMBER: PCT/US99/3099
OR APPLICATION NUMBER: PCT/US99/3099
OR APPLICATION NUMBER: PCT/US99/3099
OR APPLICATION NUMBER: PCT/US00/00219
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APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
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APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
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APPLICATION NUMBER: PCT/US99/28564
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FILING DATE: 1999-09-13
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Baker,Kevin P.
Beresini,Maureen
DeForge,Laura
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GENERAL INFORMATION: APPLICANT: Baker, Ke

Baker, Kevin P.

Desnoyers, Luc Filvaroff, Ellen Beresini, Maureen

DeForge,Laura

APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT:

APPLICANT: APPLICANT:

Gao, wei-Qiang
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
Sherwood, Steven
Smith, Victoria

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RESULT 13
US-10-123-904-538
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NUMBER OF SEQ ID NOS: 550
SEQ ID NO 538
Sequence 538, Application US/10123904 Publication No. US20030022328A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 100.0%; Score 1637; DB 9; Best Local Similarity 100.0%; Pred. No. 9.6e-108; Matches 310; Conservative 0; Mismatches 0;
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Watanabe, Colin K
Wood, William
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Filvaroff, Ellen
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; SEQ ID NO 538
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-904-538
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CURRENT APPLICATION NUMBER: US/10/123,904
CURRENT FILING DATE: 2002-04-16
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
                                                                                    APPLICANT:
             APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C160
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Local Similarity 100.0%;
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                                                                  Stewart, Timothy A. Tumas, Daniel Watanabe, Colin K Wood, William
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Godowski, Paul J.
Gurney, Austin L.
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Wood, William
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                                                                                                                                                                                                                                                                                         Kevin P.
NUMBER: US/10/140,470
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Pred. No. 9.6e-108;
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CURRENT FILING DATE:
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; Prior Application removed - See Palm or File Wrapper NUMBER OF SEQ ID NOS: 550 ; SEQ ID NO 538 ; LENGTH: 310 ; TYPE: PRT ; ORGANLEM: Homo Sapien US-10-140-470-538
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US-09-906-838-423
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Best Local Similarity
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,838
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Grimaldi, Christopher
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Botstein, David
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b. US20030027143A1
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 423
LENGTH: 310
TYPE: PRT
ORGANISM: Homo Sapien
US-09-906-838-423
Search completed: June, 7, 2003, 09:46:50
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PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28214
OR APPLICATION NUMBER: PCT/US99/28313
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR PILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR APPLICATION NUMBER: PCT/US99/3095
PRIOR APPLICATION NUMBER: PCT/US99/3095
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR PILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
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Best Local Similarity 100.
Matches 310; Conservative
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OR FILING DATE: 2000-09-18
OR APPLICATION NUMBER: POT/US00/04414
OR FILING DATE: 2000-02-22
OR APPLICATION NUMBER: US 60/143,048
OR FILING DATE: 1999-07-07
OR APPLICATION NUMBER: US 60/145,698
OR FILING DATE: 1999-07-26
OR APPLICATION NUMBER: US 60/146,222
OR FILING DATE: 1999-07-28
OR APPLICATION NUMBER: US 60/146,222
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| any | any | | 19 | /048, /068, | 0/057, 05 | 60/048, 5-30 | ` <u>0</u> | 30 0/048, | 0 | 14 0/040. | 12 0/040, | PCT/US98/04858 | S/09/152, | Secreted | US/09152060 | | A | US-08 | US-08- | | US-09- | US-08- | | | | . 6 6 | 6 |
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Query Match
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APPLICANT: Goddard, Audrey
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APPLICANT: Goddard, Audrey
APPLICANT: Napier, Mary A.
APPLICANT: Napier, Mary A.
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND MITTLE OF INVENTION: OF DISEASES CHARACTERIZED BY
FILE REFERENCE: P1216R1(US)
CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT APPLICATION NUMBER: DCT/US98/24855
PRIOR APPLICATION NUMBER: DCT/US98/24855
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR APPLICATION NUMBER: US 60/078,936
OR FILING DATE: 1998-03-20
OR FILING DATE: 1988-03-20
OR FILING DATE: 1988-03-27
NUMBER OF SEQ ID NOS: 30
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TYPE: PRT
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                                   114 RCEVVARNOR-KEIDEIVIELTVOVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYS 172
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RCEVSAPSEQGQNLEEDTYTLEVLVAPAVPSCEVPSSALSGTVVELRCQDKEGNPAPEYT
                                                                          -KTPKKTVSSRLEWKKL-GRSVSFVYYQQTLQGDFKNRAEMI-DFNIRIKNVTRSDAGKY
                                                                                                                IITDSQTSDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALY 113
                                                                                                                                                                                               MALRRPPRIRICARLPDFFLLLLFRGCLIG----AVNIKSSNRTPVVQ--EFESVELSC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       KRMQVDDLNISGIIAAVVVVVALVISVCGLGVCYAQRKGYF--SKE--TSFQ---KSNSSS 280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WFKDGIRLLENPRLGSQSTNSSYTMNTKTGTLQFNTVSKLDTGEYSCEARNSVGYRRCPG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              KATTMSENDFKHTKSFII
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MALRRPPRLRLCARLPDFFLLLLFRGCLIG----AVNLKSSNRTPVVQ--EFESVELSC
                                                                                                                                                          MARRSRHRL-----LLLLLRYLVVALGYHKAYGFSAPKDQQVVTAVEYQEAILAC
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Ashkenazi, Avi J.
                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                         28.2%;
                                                                                                                                                                                                                                       52;
                                                                                                                                                                                                                                                         Score 461.5; DB 4
Pred. No. 4.5e-39;
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                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                            DB 4;
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                                                                                                                                                                                                                                                                          Length 312;
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PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR PILING DATE: 1998-11-20
PRIOR PILING DATE: 1998-11-20
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR PILING DATE: 1998-03-20
PRIOR PILING DATE: 1998-03-20
PRIOR PILING DATE: 1998-03-20
PRIOR PILING DATE: 1998-03-17
PRIOR PILING DATE: 1998-03-17
PRIOR PILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
PUPE: PRI
ORGANISM: Mus musculus
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US-09-254-465A-10
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Best Local Similarity
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APPLICANT: Napler, Mary A.
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William I.
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AN
TITLE OF INVENTION: OF DISEASES CHARACTERIZED
FILE REFERENCE: P1216R1(US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/254,465A CURRENT FILING DATE: 1999-03-05
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  253 LAVLALITLGICCAYRRGYFINNKQDGESYKNPGKPDGVNYIRTDEEGDFRHKSSFVI 310
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                                                                                                                                                                                                                                                                                              11 LLFLFTSMILGSLVQGKGSVYTAQSDVQVPENESIKLTC--TYSGFSSPRVEWKFVQGST
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6410708
                                                                                                                                                                                                                                                                                                                               LLLLFRGCLIGAV-----NLKSSNRTPVVQEFESVELSCIITDSQTSDPRIEWKKIQDEQ
                                                                                    SFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSA-RCBEQEMEVYDLNIGGIIGGVLVV 252
                                                                                                                                                                   VQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPLPT-DSRANPRFRNS
                                                                                                                                                                                                               TALVCYNSQITAPYADRV-TFSSSGITFSSVTRKDNGEYTC-MVSEEGGONYGEVSIHLT
                                                                                                                                                                                                                                                   TTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVARNDRKEIDEIVIELT 134
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                                             SFTIDPKSGDLIFDPVTAFDSGEYYCQAQNGYGTAMRSEAAHMDAVELNVGGIVAAVLVT
                                                                                                                               VLVPPSKPTISVPSSVTIGNRAVLTCSEHDGSPPSEYSWFKDGISMLTADAKKTRAFMNS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Fong, Sherman
                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                  27.9%; Score 457.5; DB 4; 35.6%; Pred. No. 1.1e-38;
                                                                                                                                                                                                                                                                                                                                                                              56; Mismatches 121;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPOSITIONS AND METHODS FOR THE TREATMENT S CHARACTERIZED BY A33- RELATED ANTIGENS
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                                                                                                                                                                                                                                                                                                                                                                                                                       Length 300;
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RESULT 4
US-09-189-930-331
; Sequence 331, Application
; Patent No. 6150502
; GENERAL INFORMATION:

US/09188930A

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APPLICANT: SmithKline Beecham Corporation
FITTLE OF INVENTION: Human F11 Antigen: A Cell Surface
FITTLE OF INVENTION: Receptor Involved in Platelet Aggregation
FILE REFERENCE: GH-70150US
CURRENT APPLICATION NUMBER: US/09/462,270
FILOR APPLICATION NUMBER: US/09/462,270
FRIOR APPLICATION NUMBER: 60/052,186
PRIOR FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 299
TYPE: PAT
ORGANISM: HOMO SAPIENS
US-09-462-270-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Watson, James D.
APPLICANT: Strachan, Lorna
APPLICANT: Strachan, Matthew
APPLICANT: Sleeman, Matthew
APPLICANT: Onrust, Rene
APPLICANT: Onrust, Rene
APPLICANT: Murison, James Greg
APPLICANT: Murison, James Greg
ITITLE OF INVENTION: Compositions Isolated From Skin Cells
ITITLE OF INVENTION: And Methods For Their Use
FILE REFERENCE: 11000.1011c1
CURRENT FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 348
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 331
LENGTH: 299
TYPE: PRT
ORGANISM: Human
US-09-188-930-331
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                                                      Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 181 RAFSNSSYVLNPTTGELVFDPLSASDTGEYSCEARNGYGTPMTSNAVRMEAVERNVGVIV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          121 EVKVKLIVLVPPSKPTVNIPSSATIGNRAVLTCSEQDGSPPSEYTWFKDGIVMPTNPKST 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      101; Conservative
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RLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQTSDPRIEW 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RHKSSFVI 310
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               EIVIELTVQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPLPTDSRAN 187
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRFRNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCEEQ-EMEVYDLNIGGII 246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   KKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVARNDRKEID 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RKLLCL----FILAILLCSLALGSVTVHSSEPEVRIPENNPVKLSCAY--SGFSSPRVEW
                                                  25.9%;
32.8%;
                                   48;
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                                 Score 424; DB 4; Length 299; Pred. No. 2.9e-35; B; Mismatches 137; Indels
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                                     Gaps
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PRIOR APPLICATION NUMBER: 1
PRIOR FILING DATE: 1998-09;
NUMBER OF SEQ ID NOS: 30
SEQ ID NO 1
LENGTH: 29
TYPE: PRT
ORGANISM: Homo sapiens
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US-09-254-465A-1
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APPLICANT: Genente
APPLICANT: Ashkena
                                                                                                                                                                                                                                                                                                                               Query Match 25.9%; Score 424; DB 4; Length 299; Best Local Similarity 32.8%; Pred. No. 2.9e-35; Matches 101; Conservative 48; Mismatches 137; Indels
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT/US98/19437
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CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
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5. 6410708
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                                                         EIVIELTVQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPLPTDSRAN 187
                                                                                                                                                               KKIQDEQTTYVFFDNKIQGDLAGRABILGKTSLKIWNVTRRDSALYRCEVVARNDRKEID 127
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EVKVKLIVLVPPSKPTVNIPSSATIGNRAVLTCSEQDGSPPSEYTWFKDGIVMPTNPKST 180
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Wood, William I.
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Ashkenazi, Avi J.
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RESULT 8
US-09-254-465%-23
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CURRENT FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 348
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 189
LENGTH: 299
TYPE: PRT
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Best Local Similarity
Matches 99; Conserv
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NAME/KEY: UNSURE
LOCATION: (247)...(247)
NAME/KEY: UNSURE
LOCATION: (289)...(289)
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NITLE OF INVENTION: Compositions Isolated From Skin Cells
NITLE OF INVENTION: and Methods For Their Use
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LICANT: Sleeman, Matthew
PLICANT: Onrust, Rene
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                                                                                                             KOTSSFLV 299
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NUMBER OF SEQ ID NOS: 30
SEQ ID NO 23
LENGTH: 260
TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
              TITLE OF INVENTION: COMPOUNDS, COMPOSITIO TITLE OF INVENTION: OF DISEASES CHARACTER FILE REFERENCE: P1216R1(US)
CURRENT APPLICATION NUMBER: US/09/254,465A
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PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT/US98/19437
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CURRENT FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               61 EDRVTFL-PTGITFKSVTREDTGTYTC-MVSEEGGNSYGEVKVKLIVLVPPSKPTVNIPS 118
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Napier, Mary A.
Tumas, Daniel
Wood, William I.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LGSVTVHSSEPEVRIPENNPVKLSCAY--SGFSSPRVEWKFDQGDTTRLVCYNNKITASY 60
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Napier, Mary A.
Tumas, Daniel
Wood, William I.
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Goddard, Audrey
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Ashkenazi, Avi J.
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Ashkenazi, Avi J.
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1998-11-20
UMBER: US 60/066,364
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                                                        COMPOSITIONS AND METHODS FOR THE TREATMENT S CHARACTERIZED BY A33- RELATED ANTIGENS
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US-09-462-270-4
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                                                                                                                                                                                                                                                         SEQ ID NO 4
LENGTH: 205
TYPE: PRT
ORGANISM: HOMO SAPIENS
S-09-462-270-4
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SEQ ID NO 25
LENGTH: 263
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION: APPLICANT: SmithKl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 4,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                               Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: SmithKline Beecham Corporation TITLE OF INVENTION: Human F11 Antigen: A TLE OF INVENTION: Receptor Involved is REFERENCE: GH-70150US REPLICATION NUMBER: US/09/462,270 CURRENT FILING DATE: 2000-01-05 PRIOR APPLICATION NUMBER: 60/052,186 PRIOR PILING DATE: 1997-07-10 NUMBER OF THE PRIOR FILING DATE: 1997-07-10
                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    JR APPLICATION NUMBER: US 60/
JR FILING DATE: 1997-11-21
DR APPLICATION NUMBER: US 60
DR APPLICATION NUMBER: US 60
DR BTT.TNG DATE: 1998-03-20
                                                                                                                                                                       Local Similarity 33.7
mes 67; Conservative
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PILING DATE: 1998-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         182
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         122 SATIGNRAVLTCSEQDGSPPSEYTWFKDGIVMPTNPKSTRAFSNSSYVLNPTTGELVFDP 181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 149 AVPVGKMATLHCQESEGHPRPHYSWYRNDVPLPTDSRANPRFRNSSFHLNSETGTLVFTA 208
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             VHKDDSGQYYCIASNDAGSARCEEQ-EMEVYDLNIGGIIGGVLVVLAVLALITLGICCAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            EDRVTFL-PTGITFKSVTREDTGTYTC-MVSEEGGNSYGEVKVKLIVLVPPSKPTVNIPS 121
KFDQGDTTRLVCYNNKITASYEDRVTFL-PTGITFKSVTREDTGTYTC-MVSEEGGNSYG 120
                                     KKIQDEQTTYVFFDNKIQGDLAGRABILGKTSLKIWNVTRRDSALYRCEVVARNDRKEID 127
                                                                                                                            RLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQTSDPRIEW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SRGHFDRTKKGTSSKK 257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AGRABILGKTSLKIWNVTRRDSALYRCEVVARNDRKEIDEIVIELTVQVKPVTPVCRVPK 148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LGSVTVHSSEPEVRIPENNPVKLSCAY -- SGFSSPRVEWKFDOGDTTRLVCYNNKITASY 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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1997-11-21
                                                                                  -FILAILLCSLALGSVTVHSSEPEVRIPENNPVKLSCAY--SGFSSPRVEW
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ne Beecham Corporation
Human Fl1 Antigen: A Cell Surface
Receptor Involved in Platelet Aggregation
                                                                                                                                                                  17.6%; Score 288; DB 4; 133.7%; Pred. No. 1.4e-21; 33.7%; Pred. No. 1.4e-21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 24.0%; Score 392.5; DB 4; 34.4%; Pred. No. 4e-32; tive 43; Mismatches 120;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PCT/US98/19437
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Best Local 9
                                                                                                                                                                                                                                                                                                                                        Matches
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/511,876
FILING DATE: 04-Aug-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Heath, Joan K.; White, Sara J.; Johnstone, Cameron TITLE OF INVENTION: Colon Cell And Colon Cancer Cell TITLE OF INVENTION: Associated Nucleic Acid Molecules, Protein And Peptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Wordperfect CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Hanson, No. 5712369man D. REGISTRATION NUMBER: 30,946 REFERENCE/DOCKET NUMBER: LUD 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/597,495B FILING DATE: 02-Feb-1996
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: New York City
STATE: New York
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                                                                              138 LVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASGQP-- 195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               128
                                                                                                                                                                                                         84 -IQGDL-----AGRABILGKTSLKIWNVTRRDSALYRCEVVARNDRKEIDEIVIELTV 135
                                                                                                                                                                                                                                                     19 VDAISVETPQDVLRASQGKSVTLPCTYHTSTSSREGLIQWDKLLLTHTERVVIWPFSNKN
                                                                                                                                                                                                                                                                                          29 IGAVNLKSSNRTPVVQEFESVELSCII-TDSQTSDPRIEWKKIQDEQTTYVF---FDNK- 83
                                                                                                                                                                                                                                                                                                                                                         Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                          RNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCE-EQEMEVYDLNIG----GII 246
                                                                                                                    QVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDV-----PLPTDSRANPRF 190
                                                                                                                                                                  YIHGELYKNRVSISNNAE-QSDASITIDQLTMADNGTYECSVSLMSDLEGNTKSRVRLLV
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                                                                                                                                                                                                                                                                                                                                      Conservative
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                                                                                                                                                                                                                                                                                                                                 14.0%; Score 228.5; DB 1
25.7%; Pred. No. 3.2e-15;
tive 49; Mismatches 128
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VSLKNISTDTSGYYICTSSNEEGTQFCNITVAVRSPSMNVALYVGIA 242
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RESULT 12
US-09-068-051A-22
; Sequence 22, Application
; Patent No. 6291235
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                      Local Similarity
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APPLICATION NUMBER: US/09/068,051A
FILING DATE: 10-Dec-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 319 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/597,495
FILING DATE: 02-Feb-1996
APPLICATION NUMBER: 08/511,876
FILING DATE: 04-Aug-1995
ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Diskette, 3.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Old, Lloyd J.; Welt, Sydney; Ritter, Gerd; Simpson, Richard J.; Nice, Edouard; Moritz, R. L.; Catimel, B.; Ji, Hong; Burgess, Anthony W.; Heath, Joan K.; White, Sara J.; Johnstone, Cameron TITLE OF INVENTION: Colon Cell And Colon Cancer Cell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbrig
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION
                             136 QVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDV-----PLPTDSRANPRF 190
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138 LVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASGQP-- 195
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                                                                                                                         84 - IQGDL-----
                                                                                                                                                               19 VDAISVETPODVLRASQGKSVTLPCTYHTSTSSREGLIQWDKLLLITHTERVVIWPFSNKN 78
                                                                                                                                                                                                                                                 79;
                                                                              79 YIHGELYKNRVSISNNAE-QSDASITIDQLTMADNGTYECSVSLMSDLEGNTKSRVRLLV 137
                                                                                                                                                                                                      29 IGAVNLKSSNRTPVVQEFESVELSCII-TDSQTSDPRIEWKKIQDEQTTYVF---FDNK-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Hanson, No. 6291235man D. REGISTRATION NUMBER: 30,946 REFERENCE/DOCKET NUMBER: LUD 53
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (212) 318-3168
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666 Fifth Ave
                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                                 14.0%; Score 228.5; DE 25.7%; Pred. No. 3.2e-1 cive 49; Mismatches 1
                                                                                                                         -AGRAEILGKTSLKIWNVTRRDSALYRCEVVARNDRKEIDEIVIELTV 135
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e-15;
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US-09-254-465A-6

GENERAL INFORMATION: APPLICANT: Genente

APPLICANT: APPLICANT: APPLICANT:

Fong, Sherman Goddard, Audrey

Austin L.

Genentech, Inc. Ashkenazi, Avi J.

APPLICANT

Sequence 6, Application US/09254465A Patent No. 6410708

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APPLICANT: Leiby, K.
APPLICANT: McKay, C.
APPLICANT: Bossone, S.
APPLICANT: Bossone, S.
TITLE OF INVENTION: SECRETED PROTEINS AND US:
FILE REFERENCE: 7853-144
CURRENT APPLICATION NUMBER: US/09/336,536
CURRENT FILING DATE: 1999-06-18
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; LENGTH: 319
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-336-536-67
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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Best Local Similarity
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                                                                                                                                                                                              VSLKNISTDTSGYYICTSSNEEGTOFCNITVAVRSPSMNVALYVGIA
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US-09-254-465A-24
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/254,465A

CURRENT FILING DATE: 1999-03-05

PRIOR APPLICATION NUMBER: PCT/US98/24855

PRIOR FILING DATE: 1998-11-20

PRIOR APPLICATION NUMBER: US 60/066,364

PRIOR PILING DATE: 1997-11-21

PRIOR PILING DATE: 1998-03-20

PRIOR PILING DATE: 1998-03-20

PRIOR PILING DATE: 1998-03-20

PRIOR PILING DATE: 1998-09-17

PRIOR PILING DATE: 1998-09-17

PRIOR PILING DATE: 1998-09-17

PRIOR PILING DATE: 1998-09-17
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS FILE REFERENCE: P1216R1(US)
CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR APPLICATION NUMBER: US 60/066,364
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ENGTH: 319
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ANISM: Homo sapiens
254-465A-6
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                                                                                                                                                                                        Gurney, Austin L.
Napier, Mary A.
Tumas, Daniel
Wood, William I.
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Goddard, Audrey
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Ashkenazi, Avi J.
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                                                                                                                                191 RNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCE-EQEMEVYDLNIG---GII 246
                                                                                                                                                                            124 LVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASGQP--
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                                       GGYLVVLAVLALITLGICCAYRRGYFIN--NKQDG----ESYKNP 285
VGVVAALIIIGIIIYCCCC---RGKDDNTEDKEDARPNREAYEEP
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                                                                                                                                                                                                                                                                                                                                                                                                                                              13.3%; Score 217.5; DB 4; 26.0%; Pred. No. 3.3e-14; ative 43; Mismatches 121;
                                                                                   -VSLKNISTDTSGYYICTSSNEEGTQFCNITVAVRSPSMNVALYVGIA
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Search completed: June : 13.5 secs 7, 2003, 09:41:41 THIS PAGE BLANK (USPTO)

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Result
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Query Match
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ORGANISM: Homo sapiens
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Napier, Mary A.
Tumas, Daniel
Wood, William I.
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LENGTH: 300
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT,
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR FILING DATE: 1998-11-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: COMPOUNDS, C
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                                                                                                                                         187
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       247
                                                                   253 LIVLAVITMGICCAYRRGCFISSKQDGESYKSPGKHDGVNYIRTSEEGDFRHKSSFVI 310
                                                                                                                                                                                                                                                                                                                                                      135 VQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPLPT-DSRANPRFQNS
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Fong, Sherman
Goddard, Audrey
Gurney, Austin L.
Napier, Mary A.
Tumas, Daniel
Wood, William I
                                                                                                                                                                                                            SFHVNSETGTLVFNAVHKDDSGQYYCIASNDAGAA-RCEGQDMEVYDLNIAGIIGGVLVV 252
                                                                                                                                                                                                                                                                                   VLVPPSKPTISVPSSVTIGNRAVLTCSEHDGSPPSEYSWFKDGISMLTADAKKTRAFMNS
                                                                                                                                                                                                                                                                                                                                                                                                                                    TALVCYNSQITAPYADRV-TFSSSGITFSSVTRKDNGEYTC-MVSEEGGQNYGEVSIHLT 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TTYVYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDBITIBLI 134
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LILLGLLIFGVWFAYSRGYFETTKKG----TAPGKKVIYSQPSTRSEGEFKQTSSFLV 300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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Pred. No. 3.3e-37;
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; SOFTWARE: FastSEQ for W:
; SEQ ID NO 2
; LENGTH: 299
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-09-462-270-2
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                                                                                                                                                                                                                                 Patent No. 6358707

GENERAL INFORMATION:

APPLICANT: SmithKline Beecham Corporation

TITLE OF INVENTION: Human F11 Antigen: A Cell Surface

TITLE OF INVENTION: Receptor Involved in Platelet Aggregation

FILE REFERENCE: GH-70150US

CURRENT APPLICATION NUMBER: US/09/462,270

CURRENT FILING DATE: 1900-01-05

PRIOR APPLICATION NUMBER: 60/052,186

PRIOR FILING DATE: 1997-07-10

NUMBER OF SEO ID NOS: 4
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CURRENT FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 348
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 331
LENGTH: 299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 100; Conserv
                                                            Query Match
Best Local Similarity
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GENERAL INFORMATION:
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Patent No. 61505
                                           Matches
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APPLICANT: Strachan, Lorna
APPLICANT: Sleman, Matthew
APPLICANT: Onrust, Rene
APPLICANT: Murison, James Greg
TITLE OF INVENTION: Compositions Isolated From
TITLE OF INVENTION: and Methods For Their Use
FILE REFERENCE: 11000.1011c1
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88-930-331
                                       100;
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18 FFLLLLFRGCMIEAVNLKSSNRNPVVHBFESVELSCIITHSQTSDPRIEWKKIQDGQTTY 77
                                                                                                                                                                                                                       FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PSKPTVNIPSSATIGNRAVLTCSEQDGSPPSEYTWFKDGIVMPTNPKSTRAFSNSSYVL 190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GILVFGIWFAYSRGHFDRTKKGTSSKK----VIYSQPSARSEGEFKQTSSFLV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NPTTGELVFDPLSASDTGEYSCEARNGYGTPMTSNAVRMEAVERNVGVIVAAVLVTLILL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NSETGTLVFNAVHKDDSGQYYCIASNDAGAARCEGQ-DMEVYDLNIAGIIGGVLVVLIVL 256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                KPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPLPTDSRANPRFQNSSFHV 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          VCYNNKITASYEDRV-TFLPTGITFKSVTREDTGTYTC-MVSEEGGNSYGEVKVKLIVLV 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  VYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDEITIELIVQV 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILAILLCSLALGSVTVHSSEPEVRIPENNPVKLSC--AYSGFSSPRVEWKFDQGDTTRL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/09188930A
                                         Conservative
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                                                      25.4*;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  25.4%; Score 415; DB 4; Length 299; 33.8%; Pred. No. 9.9e-34; tive 50; Mismatches 132; Indels
                                       50;
                                     Score 415; DB 4; Length 299; Pred. No. 9.9e-34; 0; Mismatches 132; Indels
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                                       Indels 14;
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US-09-254-465A-1
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 19
NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: PCT/US98/19437 PRIOR FILING DATE: 1998-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 299
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                            Match 25.4%; Score 415; DB 4; Local Similarity 33.8%; Pred. No. 9.9e-34;
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                                                                                                                                     138 KPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPLPTDSRANPRFQNSSFHV 197
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o. 6410708
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                                                                                                                                                                                                                78 VYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIVRCEVVALNDRKEVDEITIBLIVQV 137
                                                                                                                                                                                                                                                                                                  18 FFLLLLFRGCMIEAVNLKSSNRNPVVHEFESVELSCIITHSQTSDPRIEWKKIQDGQTTY 77
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                                                                                                                                                                                                                                                          FILAILLCSLALGSVTVHSSEPEVRIPENNPVKLSC--AYSGFSSPRVEWKFDQGDTTRL 72
                                                        NSETGTLVFNAVHKDDSGQYYCIASNDAGAARCEGQ-DMEVYDLNIAGIIGGVLVVLIVL 256
                                                                                                PPSKPTVNIPSSATIGNRAVLTCSEQDGSPPSEYTWFKDGIVMPTNPKSTRAFSNSSYVL
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                                                                                                                                                                               VCYNNKITASYEDRV-TFLPTGITFKSVTREDTGTYTC-MVSEEGGNSYGEVKVKLIVLV 130
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Ashkenazi, Avi J.
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Goddard, Audrey
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                                                                                                                                                                                                                                                                                                                                         Mismatches 132; Indels 14;
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US-09-254-465A-23
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                                                                                                                                                                                                                                                                                                                                                                           Sequence 23, Application US/09254465A Patent No. 6410708
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Best Local Similarity
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NAME/KEY: UNSURE
LOCATION: (247)...(247)
NAME/KEY: UNSURE
LOCATION: (289)...(289)
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CURRENT APPLICATION NUMBER: US/09/188,930A
CURRENT FILING DATE: 1998-11-09
BER OF SEQ ID NOS: 348
TWARE: FastSEQ for Windows Version 3.0
1EQ ID NO 189
LENGTH: 299
TENETT TO THE TOWNS 
                                                                                                        APPLICANT:
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APPLICANT: Sleeman, Matthew
APPLICANT: Onrust, Rene
APPLICANT: Murison, James Greg
          TITLE OF
                                                                            APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                198 NSETGTLVFNAVHKDDSGQYYCIASNDAGAARCEGO-DMEVYDLNIAGIIGGVLVVLIVL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      131 PPSKPTVNIPSSATIGNRAVLTCSEQDGSPPSEYTWFKDGIVMPTNPKSTRAFSNSSYVL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     138 KPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPLPTDSRANPRFQNSSFHV 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  257 AVITMGICCAYRRGCFISSKQDGESYKSPGKHDGVNYIRTS--EEGDFRHKSSFVI 310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           73 VCYNNKITASYEDRV-TFLPTGITFKSVTREDTGTYTC-MVSEEGGNSYGEVKVKLIVLV 130
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                                      INVENTION:
Fong, Sherman
Goddard, Audrey
Gurney, Austin L.
Napier, Mary A.
Tumas, Daniel
Wood, William I.
NVENTION: COMPOUNDS, CO
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Ashkenazi, Avi J.
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Pred. No. 1.6e-32;
0; Mismatches 134
   COMPOSITIONS AND METHODS FOR THE TREATMENT S CHARACTERIZED BY A33- RELATED ANTIGENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   VIYSQPSARSEXEFKQTSSFLV 299
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PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60.
PRIOR FILLNG DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT/UI
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
SEQ ID NO 23
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PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1998-C
NUMBER OF SEQ ID NOS: 30
SEQ ID NO 25
LENGTH: 263
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CURRENT APPLICATION NUMBER: US/09/254,465A.
CURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: US 60/066,364
                                                                                                                                                                                     FILE REFERENCE: P1216R1(US)
CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: US 60/066,364
                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS FILE REFERENCE: P1216R1(US)
                                                                                                                   PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR FILING DATE: 1998-03-20
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TYPE: PRT
ORGANISM: Homo sapiens
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Local Similarity 34.6%; Pred. No. 1.9e-30;
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Napier, Mary A.
Tumas, Daniel
Wood, William I.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RV-TFLPTGITFKSVTREDTGTYTC-MVSEEGGNSYGEVKVKLIVLVPPSKPTVNIPSSA 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Genentech, Inc.
Ashkenazi, Avi J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Goddard, Audrey
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Fong, Sherman
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IUMBER: US 60/078,936
                                                                           1998-09-17
                                                                                                  PCT/US98/19437
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; ORGANISM: Homo sapiens US-09-254-465A-25

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RESULT 11
US-08-597-495B-22
· Sequence 22, Application US/08597495B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 60/052,186
PRIOR FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Smithkline Beecham Corporation
TITLE OF INVENTION: Human F11 Antigen: A Cell Surface
TITLE OF INVENTION: Receptor Involved in Platelet Av
FILE REFERENCE: GH-70150US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 205
TYPE: PRT
ORGANISM: HOMO SAPIENS
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                                                                                                                                                                                                                                 138 KPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPLPTDSRANPRFQNSSFHV 197
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                                                                                                                                                                                                                                                                                                                                                                                 18 FFLLLLFRGCMIEAVNLKSSNRNPVVHEFESVELSCIITHSQTSDPRIEWKKIQDGQTTY 77
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                                                                                                                                                                                                                                                                                                                                                                                                                       64;
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                                                                                                                                                                                                 PPSKPTVNIPSSATIGNRAVLTCSEQDGSPPSEYTWFKDGIVMPTNPKSTRAFSNSSYVL 190
                                                                                                                                                                                                                                                                                                          VYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDEITIELIVQV 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FastSEQ for Windows Version 3.0
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                                                                                                                                                            NSETGTLVFNA 208
                                                                                                                                                                                                                                                                        VCYNNKITASYEDRV-TFLPTGITFKSVTREDTGTYTC-MVSEEGGNSYGEVKVKLIVLV 130
                                                                                                                                                                                                                                                                                                                                               FILAILLCSLALGSVTVHSSEPEVRIPENNPVKLSC--AYSGFSSPRVEWKFDQGDTTRL
                                                                                                                          NPTTGELVFES 201
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SVTVHSSEPEVRIPENNPVKLSC--AYSGFSSPRVEWKFDQGDTTRLVCYNNKITASYED
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Pred. No. 1.9e-30;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/
FILING DATE: 02-Feb-1996
CLASSIFICATION: 435
FRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/511
FILING DATE: 04-Aug-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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APPLICANT: Simpson
APPLICANT: Catimel
APPLICANT: Heath,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: LUTELECOMMUNICATION INFORMATION: TELEPHONE: (212) 688-9200
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CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
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ADDRESSEE: Felfe & Lynch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Old, Lloyd J.; Welt, Sydney; Ritter, Gerd; APPLICANT: Simpson, Richard J.; Nice, Edouard; Moritz, APPLICANT: Catimel, B.; Ji, Hong; Burgess, Anthony W.; APPLICANT: Heath, Joan K.; White, Sara J.; Johnstone, TITLE OF INVENTION: Colon Cell And Colon Cancer Cell TITLE OF INVENTION: Associated Nucleic Acid Molecules,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 805 Third Avenue CITY: New York City
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM:
294
                                                                                                                                                                 194
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                                                                                                                                                                                                                                                                                     132 ELIVQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDV-----PLPTDSRA 186
                                                                                                                                                                                                                                                                                                                                                                    84 --IQGDL-----AGRTDVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDEITI 131
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    29 IEAVNLKSSNRNPVVHBFESVELSCIITHSQTS--DPRIEWKKIQDGQTTYVY---FDNK 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 80;
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amino acid
OGY: linear
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EREEEDDYRQE 304
                                                                                                                      DLNIAGIIGGVLVVLIVLAVITMGICCAYRRGCFISSKQDG----ESYKSPGKHDGVNYI 294
                                                                                                                                                                                                     NPRFQNSSFHVNSETGTLVFNAVHKDDSGQYYCIASNDAG-----AARCEGQDMEVY 238
                                                                                                                                                                                                                                              RLLVLVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASG 193
                                                                                                                                                                                                                                                                                                                           NYTHGELYKNRVSISNNAEOSD----ASITIDOLTMADNGTYECSVSLMSDLEGNTKSRV 133
                                      RTSEEGDFRHK 305
                                                                             ----VGIAVGVVAALIIIGII-IYCCCCRGKDDNTEDKEDARPNREAYEEPPEQLRELSR 293
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Y: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14.8%; Score 242.5; DB 1
25.7%; Pred. No. 2.6e-16;
tive 49; Mismatches 123
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RESULT 12 US-09-068-051A-22

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FILING DATE: 02-Feb-1996
APPLICATION UNMBER: 08/511,876
FILING DATE: 04-Aug-1995
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 6291235man D.
REGISTRATION NUMBER: 30,946
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION
                                                                                      239 ----VGIAVGVVAALIIIGII-IYCCCCRGKDDNTEDKEDARPNREAYEEPPEQLRELSR 293
                                                                                                                                                                                                                    187 NPRFQNSSFHVNSETGTLVFNAVHKDDSGQYYCIASNDAG-----AARCEGQDMEVY
                                                                                                                                                                                                                                                                   134 RLLVLVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASG
                                                                                                                                                                                                                                                                                                                132 ELIVQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDV-----PLPTDSRA 186
                                                                                                                                                                                                                                                                                                                                                            78 NYTHGELYKNRVSISNNAEQSD----ASITIDQLTMADNGTYECSVSLMSDLEGNTKSRV
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             29 IEAVNLKSSNRNPVVHEFESVELSCIITHSQTS--DPRIEWKKIQDGQTTYVY---FDNK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity
                                          RTSEEGDFRHK 305
                                                                                                                                DLNIAGIIGGVLVVLIVLAVITMGICCAYRRGCFISSKQDG----
EREEEDDYRQE 304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (212) 79
N FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/09/068,051A FILING DATE: 10-Dec-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 319 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Application US/09068051A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                W: Old, Lloyd J.; Welt, Sydney; Ritter, Gerd; Simpson, Richard J.; Nice, Edouard; Moritz, Catimel, B.; Ji, Hong; Burgess, Anthony W.; Heath, Joan K.; White, Sara J.; Johnstone, CINVENTION: Colon Cell And Colon Cancer Cell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (212)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14.8%; Score 242.5; DB 4
25.7%; Pred. No. 2.6e-16;
vative 49; Mismatches 123
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GENERAL INFORMATION:

Genentech, Inc. Ashkenazi, Avi J.

Fong, Sherman

TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED AN FILE REFERENCE: P1216R1(US)

CURRENT APPLICATION NUMBER: US/09/254,465A

CURRENT FILING DATE: 1999-03-05

RELATED ANTIGENS

TREATMENT

APPLICANT: APPLICANT: APPLICANT: APPLICANT:

Goddard, Audrey Gurney, Austin L. Napier, Mary A. Tumas, Daniel Wood, William I.

PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1998-1

1998-11-20 1999-03-05

US 60/066,364 PCT/US98/24855

APPLICATION NUMBER: US FILING DATE: 1997-11-21

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SEQ ID NO 67
SEQ ID NO 67
LENGTH: 319
TYPE: PRT
ORGANISM: Homo sapiens
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                                        US-09-254-465A-6
Sequence 6, Application US/09254465A Patent No. 6410708
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APPLICANT: Leiby, K
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Patent No. 6406884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
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CURRENT FILING DATE: 1999-06-18
NUMBER OF SEQ ID NOS: 75
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APPLICANT: MCKAY, C.
APPLICANT: BOSGONE, S.
TITLE OF INVENTION: SECRETED
FILE REFERENCE: 7853-144
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                                                                                                                                                           RTSEEGDFRHK 305
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                                                                                                                                                                                                                                                                                                                  NPRFQNSSFHVNSETGTLVFNAVHKDDSGQYYCIASNDAG-----
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                                                                                                                      EREEEDDYRQE 304
                                                                                                                                                                                                 ----VGIAVGVVAALIIIGII-IYCCCCRGKDDNTEDKEDARPNREAYEEPPEQLRELSR 293
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25.7%; Pred. No. 2.6e-16;
tive 49; Mismatches 123
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RESULT 15
US-09-068-051A-32
; Sequence 32, Application US/09068051A
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GENERAL INFORMATION:
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Best Local (
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SEQ ID NO 6
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TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 360
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION UNMER: US/09/068,051A
FILING DATE: 10-Dec-1998
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 / Match 14.8%;
Local Similarity 25.7%;
                                                                                        PRIOR APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEB: Fulbright & Jaworski LLP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             239 ----VGIAVGVVAALIIIGII-IYCCCCRGKDDNTEDKEDARPNREAYEEPPEQLRELSR 293
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                                                                                                                                                                                                                                                                                                                                                         CITY: New York City
STATE: New York
APPLICATION NUMBER: 08/597,495
FILING DATE: 02-Feb-1996
APPLICATION NUMBER: 08/511,876
FILING DATE: 04-Aug-1995
                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 666 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Old, Lloyd J.; Welt, Sydney; Ritter, Gerd;
Simpson, Richard J.; Nice, Edouard; Moritz, R. L.;
Catimel, B.; Ji, Hong; Burgess, Anthony W.;
Heath, Joan K.; White, Sara J.; Johnstone, Cameron
NVENTION: Colon Cell And Colon Cancer Cell
Associated Nucleic Acid Molecules, Protein And Peptides
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Hanson, No. 6291235man D. REGISTRATION NUMBER: 30,946 REFERENCE/DOCKET NUMBER: LUD 5316.2 TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 318-3168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
255 VYCCCCREKD----DKDQDREDARPNRAAYQVPKKEQKEISRGREDEDDHRHE 303
                                       260 TMGICCAYRRGCFISSKODGE-----SYKSPGKHDGVNYIRTSEEGDFRHK 305
                                                                                    199 NISTETAGYYICTSSNDVGIESCNITVAPRPPSMNIALY----AGIAGSVFVALIIIGVI
                                                                                                                                                                             154
                                                                                                                                                                                                                       153 GKTATLQCQESEGYPRPHYSW-----YRNDVPLPTDSRANPRFQNSSFHVNSETGTLVFN 207
                                                                                                                                                                                                                                                                    94
                                                                                                                                                                                                                                                                                                                                                             37
                                                                                                                                                                                                                                                                                                                                                                                                       48
                                                                                                                                                                                                                                                                                                              93 DVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDEITIELIVQVKPVTPVCRIPAAVPV 152
                                                                                                                                                                                                                                                                                                                                                                                                                                                 73; Conservative
                                                                                                                                AVHKDDSGQYYCIASNDAGAARCE------GQDMEVYDLNIAGIIGGVLVVLIVLAVI
                                                                                                                                                                           GNNIQLTCHSAEGSPSPQYSWKSYNAQNQQRPLTQPVSGEP-----LLLK 198
                                                                                                                                                                                                                                                                    AELSNASITIDQLTMDDNGTYECSVSLMSDQDVNAKSRVRLLVLVPPSKPDCSIQGEMVI 153
                                                                                                                                                                                                                                                                                                                                                             SVTLPCTYNTYVSDREGFIQWDKLLRSQTERVVTWNFVTKKYIYGNRYENRVR----VSND
                                                                                                                                                                                                                                                                                                                                                                                                     SVELSCII-THSQTSDPRIEWKKIQDGQT-----TYVY---FDNKIQGDLAGRT 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 318 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        14.7%; Score 240.5; DB 4; 24.9%; Pred. No. 4e-16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     752-5958
                                                                                                                                                                                                                                                                                                                                                                                                                                                 37; Mismatches 122;
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                318;
                                                                                                                                                                                                                                                                                                                                                                                                                                                 61;
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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